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Nonlinear Phenomena

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Physica D contains papers and review articles reporting experiments, techniques and ideas which, although they may be derived and explained in the context of a particular field, advance the understanding of physical and biological phenomena governed by nonlinear field equations. Contributions of this type in the literature have dealt with: wave motion in physical, chemical and biological systems; chaotic motion in models relevant to turbulence; quantum and statistical mechanics governed by nonlinear field equations; instability, bifurcation, pattern formation and cooperative phenomena.

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